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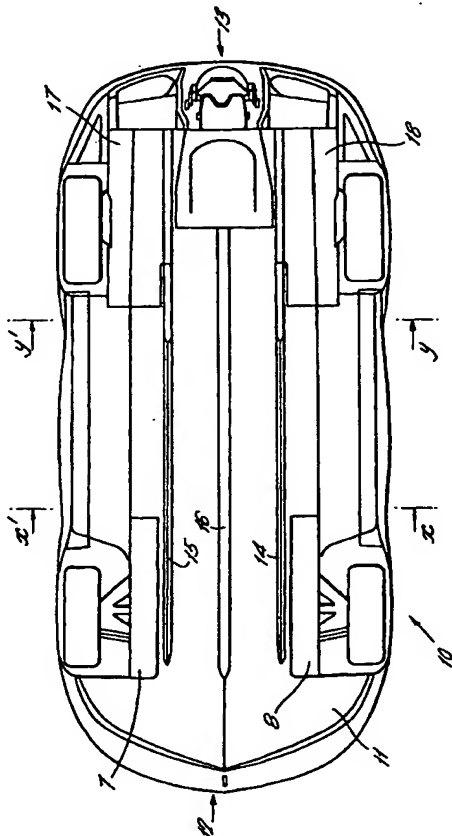
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(54) Title: A HULL FOR AN AMPHIBIOUS VEHICLE



(57) Abstract: Marine vessel hull (11), with reference to figs. 1-3, is fitted with one or more laterally spaced strakes (14, 15), and optional keel (16). Each strake forward end may be triangular in cross-section (fig. 2), while each rearward end is quadrilateral in cross-section (fig. 3). Each strake may extend along most of the length of the hull; but not below the bottom of a keel. The strakes may extend over removable panels in the hull underside. A section of each strake may be formed integrally with the hull; with another section formed separately, then affixed to the hull. The arrangement of strakes is particularly suitable to a planing amphibious vehicle with a low hull deadrise, as the strakes have little effect on ground clearance, but act as hydrodynamic aids on water. A forward triangular section allows turning in displacement mode, but the aft section resists turning in both displacement and planing modes.

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